

SM100 SOLAR LIGHT

MORE LIGHT FOR YOUR MONEY



The SM100 is one of the most affordable, independently certified high-quality solar lights, which meets Lighting Global standards.

It is designed for everyday use. It is safe, clean and provides 6 hours of constant light in the evening so children can study and feel safe after dark, and parents can work to earn an income even after the sun sets. It combines an extraordinary compact and versatile design with a long lasting lithium iron phosphate battery creating a multi-functional light that meets the basic lighting needs of families living without access to an electricity grid.



MULTI-FUNCTIONAL FLEXIBLE USE

The SM100 can be used as a traditional desk light or hung on the wall. It can also be detached from the stand and used as a torch. The slots in the casing of the SM100 enable it to be worn as a head torch for hands-free use. It can also be used for a lanyard or used to strap the light to bags or clothing.

PRECISION DESIGN

The solar side of the SM100 is curved to mirror the shape of a forehead, improving comfort when used as a head torch. The solar panel is also recessed, protecting it from impact if the light is accidentally dropped. The rectangular form enables the SM100 to be used off the stand and features two small skis to provide greater balance on uneven ground. The angle edge on the top of the housing tilts the SM100 downwards when used off the stand, ensuring light is directed down. The pivot point allows packing efficiency and light height gain.



HANGABLE



HEADTORCH



OFF THE
STAND USE



HANDHELD



DETACHABLE



FULL 360°
ROTATION



5 YEARS BATTERY LIFE













2 TIMES BRIGHTER THAN KEROSENE



6 HOURS OF BRIGHT LIGHT

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TECHNICAL SPECIFICATIONS

 LED LIGHTING	0.5 W white blue LED
 BRIGHTNESS	18 lumen (2 times brighter than kerosene)
 BATTERY	Durable 3.2 V, 300 mAh LiFePO ₄ battery
 SOLAR PANEL	Integrated 4.5 V, 50 mA polycrystalline solar panel
 MATERIALS & DURABILITY	UV resistant ABS casing Flame retardant plastic Water resistant
 SIZE & WEIGHT	165 x 105 x 74 mm (with stand) 143.5 x 105 x 74 mm (with stand + tilted down) Weight: 122g (including packaging)
 INCLUDED WITH EACH LIGHT	LED light with integrated solar panel Multifunctional metal stand User instructions with warranty card Transparent PE-PP bag
 ENVIRONMENT & QUALITY CERTIFICATIONS	CE Certified, PVoC Certified Passed Lighting Global Quality Standards
 WARRANTY	1 year warranty
 BOXES OF 24 LIGHTS	Box Size: 380 x 230 x 160 mm Box Weight: 3.2 kg

PRODUCT BENEFITS



Assists education by allowing children to safely study in the evenings



Improves health by eliminating kerosene lamp pollution



Reduces poverty by eliminating the purchase of expensive kerosene and batteries used for torches



Increases income by extending the working day into the evening



Increases security in the dark: walking, cycling, avoiding snakes!



Enables development by gaining a first step on the energy ladder and creating jobs along the sales channels

This product has passed the Lighting Global Quality Standards. Third party test results verifications of the product are available at:

<https://www.lightingglobal.org/products/yl-sm100>



Yingli Namene Solar connects people to the sun so that they can benefit from sustainable and affordable power.

We offer solar PV powered solutions from utility scale power plants feeding directly into the transmission grid, to businesses wanting to reduce their electricity bill by installing a system on their roof. We even have solutions at base-of-pyramid by substituting dangerous and polluting kerosene lamps with our own clean, affordable solar lighting product – the SM100.

Yingli Namene Solar has an international scope, currently with a primary focus on Europe, Africa and the Middle East.

FOR PARTNERSHIP INQUIRIES, PLEASE CONTACT:

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